

## Cayton Valley Groundwater Basin

- Groundwater Basin Number: 5-45
- County: Siskiyou
- Surface Area: 1,300 acres (2 square miles)

### Basin Boundary and Hydrology

The Cayton Valley Groundwater Basin is a northeast trending basin located west of Fall River Valley and north of Lake Britton. The basin is bounded to the east by several northwest trending faults and Pliocene andesitic rocks of Soldier and Fort Mountains. The basin is bounded to the north and west by Miocene basalt and to the south by Quaternary pyroclastic rocks (Gay 1958). Annual precipitation ranges from 35- to 41-inches, increasing to the northwest.

### Hydrogeologic Information

Hydrogeologic information was not available for the following:

#### *Water-Bearing Formations*

#### *Groundwater Level Trends*

#### *Groundwater Storage*

#### *Groundwater Budget (Type B)*

The estimate of groundwater extraction is based on a 1995 survey conducted by the California Department of Water Resources. The survey included land use and sources of water. Groundwater extraction for municipal and industrial use is estimated to be 1 acre-foot. Deep percolation of applied water is estimated to be 210 acre-feet.

#### *Groundwater Quality*

### Well Characteristics

	Well yields (gal/min)
Municipal/Irrigation	400 (1 well completion report)
	Total depths (ft)
Domestic	NKD
Municipal/Irrigation	230 (1 well completion report)

### Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
	Groundwater levels	NKD
	Miscellaneous water quality	NKD

## Basin Management

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Groundwater management:	Shasta County adopted a groundwater management ordinance in 1998.
Water agencies	
Public	None
Private	None

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## Selected References

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